

Scoring

The proposed approach includes flexibility in the assignment of scores for each factor based on such characteristics as presence or absence of a significant resource (such as Threatened or Endangered species); or high (H), medium (M), and low (L) impact, as pertinent. For example, H, M, or L may be sufficient for those factors that aren't well-suited to quantitative scoring. Scoring metrics could include engineering considerations (such as site acreage), a numeric scale (such as 1-10), or other methods.

GIS Support

The proposed approach employs a geographic information system (GIS) database for assisting the participants in testing the results and integrating rankings with the screening process. For example, if there is an important environmental resource and it is represented by an "H", the participants can see how much area is excluded from consideration for site selection and if lesser or greater distances are more appropriate.

STAKEHOLDER PROCESS GROUPS

Three interacting groups are envisioned, as shown in Figure 1. The proposed process employs a combination agency/technical/stakeholder team structure based on the type of alternative to be addressed.

Planned are multiple reviews and revisions at various stages of the alternative site screening process, from development of the overall framework to specific assignment of weights and values to individual evaluation factors, to the evaluation of specific disposal alternatives and site screening.

- **Project Group** - U.S. Environmental Protection Agency (EPA) Regions 1 and 2 and the New England and New York Districts of the U.S. Army Corps of Engineers (the Corps).

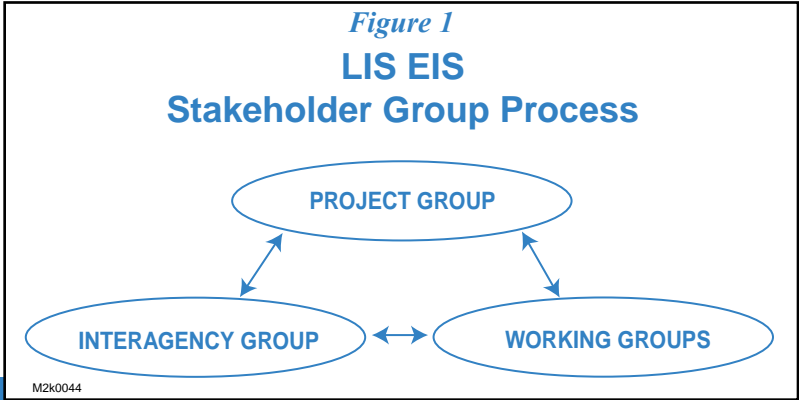
- **Interagency Group** - Participation from federal and state agencies. This group will provide input to the overall framework and provide regulatory guidance to the process. These group members will provide first cut review and comment on the proposed framework and strategies provided by the project group. The project group then revises initial proposals based on that review. Proposed representatives include:

- National Marine Fisheries Service (NMFS)
- U.S. Fish and Wildlife Service (FWS)
- Office of Long Island Sound Programs (OLISP)
- Connecticut Department of Environmental Protection (CTDEP)
- New York Department of State (NYDOS)
- New York State Department of Environmental Conservation (NYSDEC)
- Empire State Development Corporation (ESDC)
- New York City Economic Development Commission (NYEDC)
- Rhode Island Coastal Resources Management Council (CRMC)
- Rhode Island Department of Environmental Management (RIDEM).

- **Working Groups** - The public's participation is invited to serve on various working groups. The groups will be responsible for rolling up their sleeves in the evaluation of disposal alternatives. One of the steps will be to determine the weights and values to be applied to the screening of disposal alternatives. The groups will be organized according to the following topics:

- Open Water Disposal
- Beneficial Use of Dredged Material
- Upland Disposal
- Treatment Technologies.

These groups may conduct concurrent reviews as information is developed.



STEPS PROPOSED TO ASSIGN WEIGHTS AND VALUES

Step 1 - Present and Review Draft List of Evaluation Factors

At the October 1999 workshops, evaluation factors were presented and discussed for the various disposal alternatives. For each alternative, specific factors and goals were listed.

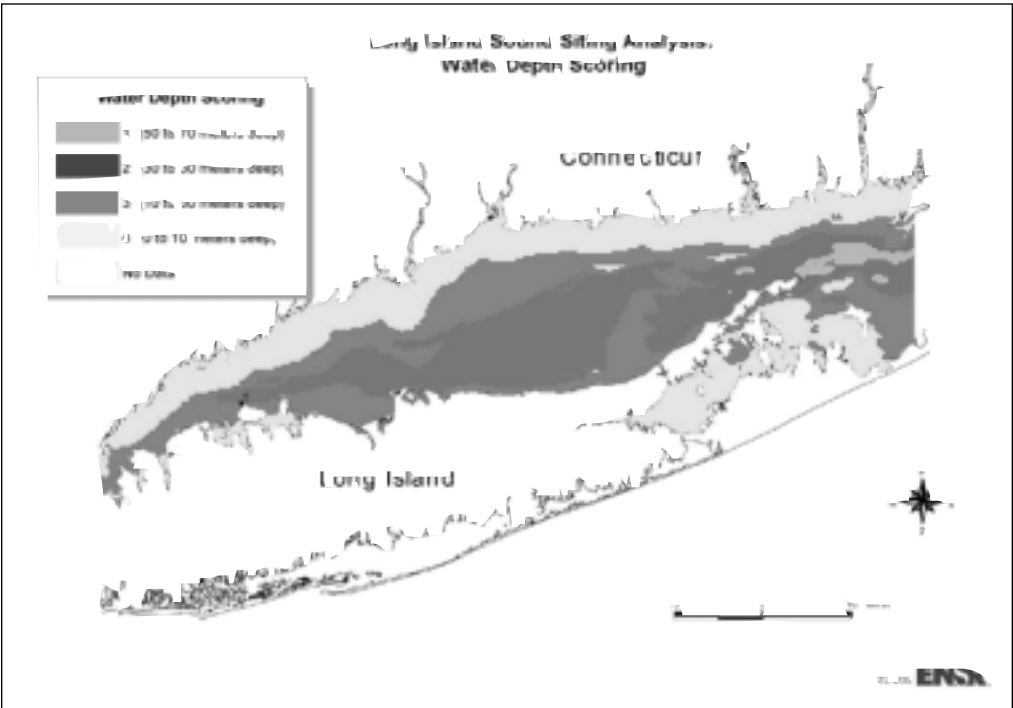
Step 2 - Draft Scoring Approach Strategy

The project group drafted an approach (as described in this fact sheet) based on the evaluation factors as reviewed at the public workshops in October 1999. A scoring approach is proposed for each of the disposal alternatives. An example is provided in the table (next page) for each type of alternative.

Step 3 - Create Working Groups, Refine and Implement Process

Participation on working groups will be solicited at the April workshops. As follow-up to the workshops, the individuals on each team will be expected to roll up their sleeves and review, revise and further refine the proposed factors and scoring approach and go through the site selection process. The screening and selection of candidate sites will be assisted through the application of the GIS database for the Sound. These efforts will be provided to the project and interagency groups and further refined, based on a highly iterative and interactive process. A final decision on the alternatives to be evaluated in the EIS will take into consideration all input and recommendations gathered from the groups.

Example of GIS Application to Scoring



The figure above shows an example of scoring for water depth, in which water more than 50 meters deep is scored "1" for most suitable, down to water shallower than 10 meters, scored "4" for least suitable.